

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004227.D
 Acq On : 26 Jul 2018 13:14
 Operator : SY/AP
 Sample : VSTD05088
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05088

Quant Time: Jul 26 13:47:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 26 13:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	386063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	187330	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	188961	49.48	ug/L	0.00
7) Chloroethane-d5	2.89	69	142276	51.69	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	463834	50.63	ug/L	0.00
20) 2-Butanone-d5	7.08	46	242010	108.07	ug/L	0.00
24) Chloroform-d	7.65	84	484701	52.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	300420	54.43	ug/L	0.00
29) Benzene-d6	8.28	84	951128	56.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	307272	55.12	ug/L	0.00
37) Toluene-d8	10.33	98	928513	61.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	151254	61.75	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	198480	132.27	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	327631	53.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	339963	56.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	145506	58.87	ug/L	99
3) Chloromethane	2.21	50	181815	46.01	ug/L	98
5) Vinyl chloride	2.36	62	242134	40.69	ug/L	96
6) Bromomethane	2.77	94	139441	44.14	ug/L	99
8) Chloroethane	2.92	64	135240	43.35	ug/L	99
9) Trichlorofluoromethane	3.25	101	115882	39.09	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	237217	45.00	ug/L	98
12) 1,1-Dichloroethene	4.03	96	230848	44.92	ug/L	92
13) Acetone	4.12	43	229423	94.24	ug/L	99
14) Carbon disulfide	4.37	76	735578	44.24	ug/L	99
15) Methyl Acetate	4.67	43	198532	47.80	ug/L	100
16) Methylene chloride	4.91	84	246953	33.34	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	503175	50.63	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	245548	46.41	ug/L	99
19) 1,1-Dichloroethane	6.21	63	467128	46.41	ug/L	99
21) 2-Butanone	7.18	43	297944	98.63	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	273320	48.33	ug/L	99
23) Bromochloromethane	7.51	128	125341	47.14	ug/L	99
25) Chloroform	7.68	83	476431	46.35	ug/L	100
27) 1,2-Dichloroethane	8.40	62	358836	47.37	ug/L	100
30) Cyclohexane	7.95	56	444603	50.59	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	370212	45.18	ug/L	100
32) Carbon tetrachloride	8.07	117	364245	46.07	ug/L	100
34) Benzene	8.32	78	1055784	47.80	ug/L	100
35) Trichloroethene	9.09	95	270177	45.72	ug/L	100
36) Methylcyclohexane	9.34	83	484809	49.64	ug/L	99
40) 1,2-Dichloropropane	9.37	63	283554	47.36	ug/L	100
41) Bromodichloromethane	9.65	83	356742	48.39	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	441237	52.30	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	573093	108.88	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1129963	48.82	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	406314	52.21	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	220947	47.48	ug/L	99
47) Tetrachloroethene	10.87	164	215415	45.20	ug/L	97
49) 2-Hexanone	10.98	43	444865	109.17	ug/L	99
50) Dibromochloromethane	11.13	129	259051	49.69	ug/L	99
51) 1,2-Dibromoethane	11.24	107	221485	48.73	ug/L	94
52) Chlorobenzene	11.66	112	699252	47.12	ug/L	98
53) Ethylbenzene	11.74	91	1247017	49.77	ug/L	99
54) m,p-Xylene	11.84	106	467127	50.59	ug/L	93
55) o-xylene	12.17	106	448787	50.81	ug/L	100
56) Styrene	12.18	104	797773	52.29	ug/L	99
57) Isopropylbenzene	12.47	105	1218866	50.34	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	322544	48.49	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	245350	47.65	ug/L	98
62) Bromoform	12.35	173	172735	48.86	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	546942	47.40	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	574398	46.43	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	524206	46.62	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	62104	47.38	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	419193	45.95	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	354581	48.46	ug/L	99
69) Naphthalene	15.38	128	901368	54.72	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	344509	49.49	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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